

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 May 2004 (27.05.2004)

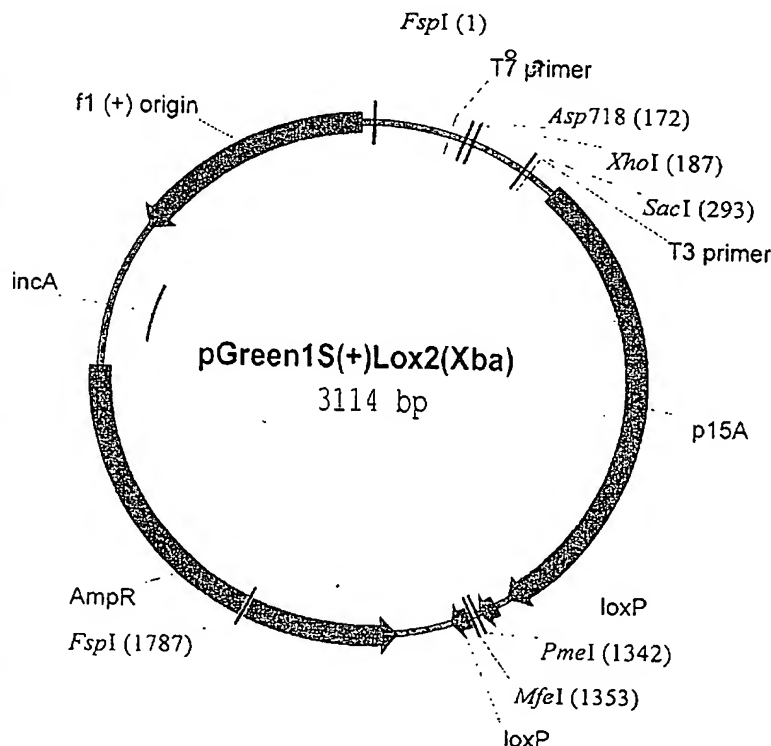
PCT

(10) International Publication Number
WO 2004/044553 A2

- (51) International Patent Classification⁷: G01N [CN/US]; 2901 Stonehedge Road, Edison, NJ 08820 (US).
(21) International Application Number: PCT/US2003/036001 HAYASHI, Jon, H. [US/US]; 113 Cranbury Road, Princeton Junction, NJ 08550 (US). KINNE, Lyle, P. [US/US]; 10 Bernard Drive, Morrisville, PA 19067 (US). DIERKS, Peter, M. [US/US]; 262 Daleview Drive, Yardley, PA 19067 (US).
(22) International Filing Date: 10 November 2003 (10.11.2003)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data: 60/425,077 8 November 2002 (08.11.2002) US
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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW).

[Continued on next page]

(54) Title: LEPIDOPTERA VOLTAGE-GATED CALCIUM CHANNELS



(57) Abstract: Novel nucleic acid sequences encoding *lepidoptera* calcium channel subunits, and recombinant expressions and host cells comprising the same are disclosed. Isolated *lepidoptera* calcium channel subunits, host cells expressing a *lepidoptera* calcium channel subunits, methods of producing the *lepidoptera* calcium channel subunits and antibodies specific for the *lepidoptera* calcium channel subunits are also disclosed. Methods of identifying modulators and/or inhibitors of *lepidoptera* calcium channels are disclosed.

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Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

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